

IEP WQ PWT
August 9, 2001
1:00-4:00 pm, CD-ESO cafeteria, Sacramento

Meeting Agenda

A. Program News:

1. New hires (Ken, Zach, et al.)

2. Reports

4-year report (Steve)

3. EMP review

EMP review news (Zach)

B. SOPs & data b.'s:

1. EMP web site (Anke)

2. Various types of meta-data, manuals, and SOPs – any news, anybody?

3. SJ TAC: Interactions with the San Joaquin Technical Advisory Committee about QA/QC and calibration of multi-parameter stn. 20 DO probe and summer SJ DO run DO instrumentation (**Hank, Casey**)

4. Data base and data flow status – news from Kitty

C. Instrumentation news:

1. Feathered beasts

- a. Naming contest for all Seabirds (Kitty)
- b. New/modified old cover for DWR bird
- c. DO probe tests:
 - i. What happens if the DO probe sits unused for a month? –June test repeat (**Mike D., Michael, Hank**).
 - ii. (How) does the probe performance change during the course of a run? – Compare pre- and post run calibration values for several runs.
 - iii. What is the DO probe response time to (vertical) differences in DO concentrations? – Results from the July 20 SJ DO run. (Mike D., Casey, Kitty)
 - iv. What is an acceptable divergence level between probes? (Anke and Mike D.)
- d. Horizontal probe maintenance (**MIKE S**)
- e. Manual for vertical fluorometer calibration, and actual calibration (**HANK, KEN L.**)
- f. **Proposal** to study/test the New Bird OBS sensor including a comparison with the Turner turbidimeter. (**Hank**) Seabird post-processing **software** performance at the end of the contract – kink fixed? (**Scott, Mike S., Casey et al.**)

2. Deck instruments and recorded variables, revisited:

Should YSI 85 or HSB have top priority status for EC & Temp?

Priority level	D.O	EC	Temp.	Turbidity
Top = 1	Winkler	YSI 85	YSI 85	Turner 10 AU
2	HSB	HSB	HSB	Hach
3	YSI 85	VSB	VSB	
4	VSB			

First two priority levels: measurements are always recorded. Level two is back-up for level 1. Level 1 measurements are usually reported, unless instrumentation fails, in which case level 2 values are reported (with flags), etc.. Levels 3 and four: more back-ups, recorded if there are doubts about level 1 and 2 measurements. **VSB**: DFG uses these values. **VSB**: DFG possibly uses these values. **Kitty and Shawn**: What does DFG really use and what would they like to use.

3. **DO probes/instruments for fall Ship channel DO surveys** - All clear?
4. **Discrete chlorophyll** cross-calibration study (**Kitty**)
5. **Continuous multiparameter Turner Chl. calibrations** (**Anke**)

D. Ports & vessels

1. Progress on **marina lease** agreement (Steve et al.)
2. **Antioch lab** remodeling, storage containers installation (**Scott, Loyd, Eric**).
3. **RV Compliance**
 - a. **Urgent repairs:** water-logged engine and damaged back railing (**Jon Y**)
 - Other outstanding Compliance improvements:**
 - Head improvement
 - Computer clean-up – ongoing (**Mikes and Scott (computer custodian)**)
 - General clean-out and storage (**Jon Y. , crew**).
 - b. **Zach and Ken** on future of RV compliance.
 - c. **RV Compliance pump volume** – Need / plans for working on this?
4. **RV San Carlos**
 - a. **Repair:** substantial delamination on hull (above waterline). (**Loyd**)
 - b. **Davit:** Progress? (**Loyd, Steve, Scott,...**)
5. **San Carlos and Compliance equipment storage, inventories and kits**
 - a. Progress on **trailer/container** purchase (**Scott**)
 - b. Progress on equipment and supplies kits:
 - “Ace-made” manifold (Jodi/Kitty)
 - Hach handheld Turbidimeter (Kitty)
6. **Assembling and testing checklists with tasks for boat operators and Compliance**
 - a. Boat operator plan for the San Carlos (**Loyd, Eric, Scott**)
 - b. All plans for the Compliance (**Kitty, Scott**)

D) Next meeting date

